



TFW

Please type a plus sign (+) inside this box → ☒

Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10-811-799
	Filing Date	371 03-29-2004
	First Named Inventor	Ace R Collier
	Group Art Unit	3671
	Examiner Name	Thomas B. Will
	Attorney Docket Number	SELF
Total Number of Pages in This Submission		14

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (P10/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input checked="" type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Ace R Collier
Signature	<i>Ace R Collier</i>
Date	12-15-2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <input type="text"/>			
Typed or printed name	Ace R Collier	Date	12-15-2004
Signature	<i>Ace R Collier</i>		



Form PTO-948 (Rev. 06-01)  
Application No. 10-811799

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 03/29/04, 06/29/04 we.

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings. Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_  
☐ Photographs may not be mounted. 37 CFR 1.84(c)  
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_  
☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

3. TYPE OF PAPER. 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_

☒ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) 1-10

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or  
21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:  
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☒ Margins not acceptable. Fig(s) \_\_\_\_\_  
☒ Top (T) ☒ Left (L)  
☒ Right (R) ☒ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMININDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) \_\_\_\_\_

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs Fig(s) \_\_\_\_\_

9. SCALE. 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality) Fig(s) 1-10

11. SHADING. 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☒ Solid black shading not permitted. Fig(s) 10

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(n)

☒ Numbers and reference characters not plain and legible. Fig(s) 1-10

☒ Figure legends are poor. Fig(s) 1-10

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(n)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☒ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) 1-10

13. LEAD LINES. 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

15. NUMBERING OF VIEWS. 37 CFR 1.84(ii)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

16. DESIGN DRAWINGS. 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

COMMENTS:

Reviewer Tary  
If you have questions, call (703) 305-6104.

Date 10/28/04  
Attachment to Paper No. \_\_\_\_\_



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY OF COMMERCE AND  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Dear Mr. Ace Collier

10-811-779  
03-29-2004

Your Disclosure Document request has not been processed for the following reasons: 3671

- \_\_\_\_\_ The required fee of \$10.00 was not received by the Office. Please return your Disclosure Document with the \$10.00 fee and a self addressed stamped envelope to the address listed below.
- \_\_\_\_\_ An incorrect fee was received by the Office, your submission including any fee is being returned. Please resubmit your disclosure document with a fee of \$10.00 and a self addressed stamped envelope to the address listed below.
- \_\_\_\_\_ Oversized papers are not acceptable, a Disclosure Document should be submitted on **white letter size 8 1/2 x 11-inch or A4 (21.0 by 29.7 cm) paper**, written on one side only. Please resubmit your disclosure document on the appropriate size paper with a fee of \$10.00 and a self addressed stamped envelope to the address listed below.
- \_\_\_\_\_ Attachments such as videotapes and models are not accepted and are being returned at this time. Please resubmit your disclosure document on the appropriate size paper with a fee of \$10.00 and a self addressed stamped envelope to the address listed below.
- ☒ No written description was received. The description should contain a clear explanation of the manner and process of making and using the invention in sufficient detail. When necessary, drawings or sketches should be included.
- \_\_\_\_\_ Disclosure Documents are not renewable or extendable.
- \_\_\_\_\_ Photocopying of Disclosure Document is only available for the-two year period. Copies are not available beyond two years.

All correspondence pertaining to your Disclosure Document should be mailed to:

Assistant Commissioner of Patents  
Box DD  
Washington, DC 20231

If you have any questions, please contact Customer Service at (703) 308-1202, Monday through Friday, 8:30 AM to 5:00 PM.

Sincerely,

*M. Haggerty*

Customer Service Center  
Office of Initial Patent Examination